Author index to volume 256

Abdulaev, N.G. see E.V. Yurkova 256 (1989) 167
Acker, H., E. Dufau, J. Huber and D. Sylvester, Indications to an NADPH oxidase as a possible pO_2 sensor in the rat carotid body 256 (1989) 75
Allen, J.F. see N.F. Tsinoremas 256 (1989) 106
Anandan, S., A. Vainstein and J.P. Thornber, Correlation of some published amino acid sequences for photosystem I polypeptides to a 17 kDa LHCI pigment-protein and to subunits III and IV of the core complex 256 (1989) 150
Anraku, Ya. see Yu. Komeiji 256 (1989) 135
Aviv, A. see J.P. Gardner 256 (1989) 38

Barańska, J., Mechanism of the ATP-dependent phosphatidylserine synthesis in liver subcellular fractions 256 (1989) 33
Bartoletti, D.C., G.I. Harrison and J.C. Weaver, The number of molecules taken up by electroporated cells: quantitative determination 256 (1989) 4
Basu, J. see M. Kundu 256 (1989) 207
Baysal, E. see C. Rice-Evans 256 (1989) 17
Bdolah, A., Z. Wollberg, G. Fleminger and E. Kochva, SRTX-d, a new native peptide of the endothelin/sarafotoxin family 256 (1989) 1
Bergé-Lefranc, J.-L. see A.-M. Lossi 256 (1989) 163
Boelens, R. see S. Kosasi 256 (1989) 91
Böhme, E. see B. Mayer 256 (1989) 211
Breer, H. see K. Raming 256 (1989) 215
Britten, C.J., J.C. Turner and P.A. Rea, Identification and purification of substrate-binding subunit of higher plant H-translocating inorganic pyrophosphatase 256 (1989) 200
Britton, G. see D. Rees 256 (1989) 85

Chakrabarti, P. see M. Kundu 256 (1989) 207
Choi, S.-M. see F.R. Sallee 256 (1989) 219
Churchill, P. see W.-W. Zhang 256 (1989) 71
Churchill, S. see W.-W. Zhang 256 (1989) 71
Cui, Z.J. see E.K. Matthews 256 (1989) 29
Curran, D.P. see F.R. Sallee 256 (1989) 219

Dariavach, P. and M.-P. Lefranc, The promoter regions of the T-cell receptor V9 γ (TRGV9) and V2 δ (TRDV2) genes display short direct repeats but no TATA box 256 (1989) 185
Das, A.M. and D.A. Harris, Reversible modulation of the mitochondrial ATP synthase with energy demand in cultured rat cardiomyocytes 256 (1989) 97
Demin, V.V. see E.V. Yurkova 256 (1989) 167
Dodds, P.F. see K.G. Moorhouse 256 (1989) 43
Dorland, L. see J. van Pelt 256 (1989) 179
Dufau, E. see H. Acker 256 (1989) 75
Durand, M., N.T. Thuong and J.C. Maurizot, Formation of a duplex structure by an α-octathymidylate: circular dichroism studies 256 (1989) 175
Duran, M. see J. van Pelt 256 (1989) 179

Edwards, S.W., C.S. Holden, J.M. Humphreys and C.A. Hart, Granulocyte-macrophage colony-stimulating factor (GM-CSF) primes the respiratory burst and stimulates protein biosynthesis in human neutrophils 256 (1989) 62
Eilam, Y. see D. Halachmi 256 (1989) 55
Eller, M., H.H. Stedman, J.E. Sylvester, S.H. Fertels, Q. Wu, M.K. Raychowdhury, N.A. Rubinstein, A.M. Kelly and S. Sarkar, Human embryonic myosin heavy chain cDNA: Interspecies sequence conservation of the myosin rod, chromosomal locus and isoform specific transcription of the gene 256 (1989) 21
Evans, M.C.W. see N.F. Tsinoremas 256 (1989) 106

Fertels, S.H. see M. Eller 256 (1989) 21
Fiechter, A. see D. Sanglard 256 (1989) 128
Fleminger, G. see A. Bdolah 256 (1989) 1
Florentiev, V.L. see K.R. Khrapko 256 (1989) 118
Fogel, E.L. see F.R. Sallee 256 (1989) 219
Förster, B., M. Thaler, W. Urbach and W. Simonis, Caffeine releases oscillating opening of calcium-dependent potassium channels in the alga *Eremosphaera viridis* 256 (1989) 159

Gardner, J.P., E. Maher and A. Aviv, Calcium mobilization and Na/H antiport activation by endothelin in human skin fibroblasts 256 (1989) 38
Gladkaya, E.M. see A.V. Victorov 256 (1989) 155
Glitscher, W. and H. Rüppel, Arrestin of bovine photoreceptors reveals strong ATP binding 256 (1989) 101
Hadler, H.I., Comment: Mitochondrial genes and cancer 256 (1989) 230
Halachmi, D. and Y. Eilam, Cytosolic and vacuolar Ca^2 concentrations in yeast cells measured with the Ca^2-sensitive fluorescence dye indo-1 256 (1989) 55
Hanada, K. see Yu. Komeiji 256 (1989) 135
Harris, D.A. see A.M. Das 256 (1989) 97
Harrison, G.I. see D.C. Bartoletti 256 (1989) 4
Hart, C.A. see S.W. Edwards 256 (1989) 62
Hart, L.A. 't see S. Kosasi 256 (1989) 91
Hederstedt, L. see J.J. Maguire 256 (1989) 195
Hofmann, D., H. Zentgraf and G. Kahl, In vitro nucleosome assembly with plant histones 256 (1989) 123
Hokke, C.H. see J. van Pelt 256 (1989) 179
Holden, C.S. see S.W. Edwards 256 (1989) 62
Horton, P. see D. Rees 256 (1989) 85

Published by Elsevier Science Publishers B.V. (Biomedical Division)
00145793/89/$3.50 © 1989 Federation of European Biochemical Societies

Hotz, A., N. König, J. Kretschmer, G. Maier, H. Ponstingl and V. Kinzel, A sequence variant in the N-terminal region of the catalytic subunit of the cAMP-dependent protein kinase 256 (1989) 115
Hubbard, J.A.M. see N.F. Tsinoremas 256 (1989) 106
Huber, J. see H. Acker 256 (1989) 75
Humphreys, J.M. see S.W. Edwards 256 (1989) 62
Hutson, D.H. see K.G. Moorhouse 256 (1989) 43

Itoh, S. see M. Iwaki 256 (1989) 11
Iwabuchi, M. see K. Mikami 256 (1989) 67
Iwaki, M. and S. Itoh, Electron transfer in spinach photosystem I reaction center containing benzo-, naphtho- and anthraquinones in place of phylloquinone 256 (1989) 11

Jones, J.G. see C. Rice-Evans 256 (1989) 17
Jones, S.-A. see C. Rice-Evans 256 (1989) 17
Jürgens, H. see F. van Valen 256 (1989) 170

Kahl, G. see D. Hofmann 256 (1989) 123
Kamerling, J.P. see J. van Pelt 256 (1989) 179
Keck, E. see F. van Valen 256 (1989) 170
Kelly, A.M. see M. Eller 256 (1989) 21
Khorlyn, A.A. see K.R. Khrapko 256 (1989) 118
Khrapko, K.R., Yu.P. Lysov, A.A. Khorlyn, V.V. Shick, V.L. Florentiev and A.D. Mirzabekov, An oligonucleotide hybridization approach to DNA sequencing 256 (1989) 118
Kinzel, V. see A. Hotz 256 (1989) 115
Kochva, E. see A. Bdolah 256 (1989) 1
Kogure, K. and H. Tokuda, Respiration-dependent primary Na pump in halophilic marine bacterium, *Alcaligenes* strain 201 256 (1989) 147
Komeiji, Yu., K. Hanada, I. Yamato and Ya. Anraku, Orientation of the carboxyl terminus of the Na/proline symport carrier in *Escherichia coli* 256 (1989) 135
König, N. see A. Hotz 256 (1989) 115
Kosasi, S., W.G. van der Sluis, R. Boelens, L.A. 't Hart and R.P. Labadie, Labaditin, a novel cyclic decapeptide from the latex of *Jatropha multifida* L. (Euphorbiaceae): Isolation and sequence determination by means of two-dimensional NMR 256 (1989) 91
Kosykh, V.A. see A.V. Victorov 256 (1989) 155
Kretschmer, J. see A. Hotz 256 (1989) 115
Kreutz, W. see M.S. Weiss 256 (1989) 143
Krieger, J. see K. Raming 256 (1989) 215
Kundu, M., J. Basu and P. Chakrabarti, Purification and characterization of an extracellular lectin from *Mycobacterium smegmatis* 256 (1989) 207

Labadie, R.P. see S. Kosasi 256 (1989) 91
Lee, F.-J.S., L.-W. Lin and J.A. Smith, N^{α}-acetyltransferase deficiency alters protein synthesis in *Saccharomyces cerevisiae* 256 (1989) 139
Lefranc, M.-P. see P. Dariavach 256 (1989) 185
Lin, L.-W. see F.-J.S. Lee 256 (1989) 139
Lossi, A.-M. and J.-L. Bergé-Lefranc, The mRNA transcripts from a mutant β-globin gene derived from splicing at preferential cryptic sites 256 (1989) 163
Lysov, Yu.P. see K.R. Khrapko 256 (1989) 118

Maguire, J.J. and L. Hederstedt, EPR characterization of soluble fragments of succinate dehydrogenase from mutant strains of *Bacillus subtilis* 256 (1989) 195
Maher, E. see J.P. Gardner 256 (1989) 38
Maier, G. see A. Hotz 256 (1989) 115
Mathis, P. see I. Sinning 256 (1989) 192
Matthews, E.K. and Z.J. Cui, Photodynamic action of rose bengal on isolated rat pancreatic acini: stimulation of amylase release 256 (1989) 29
Maurizot, J.C. see M. Durand 256 (1989) 175
Mayer, B. and E. Böhme, Ca^2-dependent formation of an L-arginine-derived activator of soluble guanylyl cyclase in bovine lung 256 (1989) 211
Michel, H. see I. Sinning 256 (1989) 192
Mikami, K., H. Takase, T. Tabata and M. Iwabuchi, Multiplicity of the DNA-binding protein HBP-1 specific to the conserved hexameric sequence ACGTCA in various plant gene promoters 256 (1989) 67
Mirzabekov, A.D. see K.R. Khrapko 256 (1989) 118
Miyazaki, S. see F. Suzuki 256 (1989) 47
Moorhouse, K.G., D.H. Hutson and P.F. Dodds, Activation of protein kinase C by an aromatic xenobiotic diacylglycerol analogue 256 (1989) 43
Muller-Eberhard, U. f] see I. Solar 256 (1989) 225
Murakami, K. see F. Suzuki 256 (1989) 47

Nakagawa, M. see Y. Shinohara 256 (1989) 111
Nakamura, Yu. see F. Suzuki 256 (1989) 47
Nestel, U. see M.S. Weiss 256 (1989) 143
Niznik, HymanB. see F.R. Sallee 256 (1989) 219
Noctor, G. see D. Rees 256 (1989) 85
Novikov, D.K. see A.V. Victorov 256 (1989) 155

Okamoto, N. see F. Suzuki 256 (1989) 47

Ponstingl, H. see A. Hotz 256 (1989) 115

Raming, K., J. Krieger and H. Breer, Molecular cloning of an insect pheromone-binding protein 256 (1989) 215
Raychowdhury, M.K. see M. Eller 256 (1989) 21
Rea, P.A. see C.J. Britten 256 (1989) 200
Rees, D., A. Young, G. Noctor, G. Britton and P. Horton, Enhancement of the ΔpH-dependent dissipation of excitation energy in spinach chloroplasts by light-activation: correlation with the synthesis of zeaxanthin 256 (1989) 85
Rice-Evans, C., E. Baysal, S. Singh, S.-A. Jones and J.G. Jones, The interactions of desferrioxamine and hydroxypyridone compounds with haemoglobin and erythrocytes 256 (1989) 17
Richter, C., Reply to the comment of Dr H.I. Hadler 256 (1989) 232
Rubinstein, N.A. see M. Eller 256 (1989) 21

Rüppel, H. see W. Glitscher 256 (1989) 101
Rutherford, A.W. see I. Sinning 256 (1989) 192

Sallee, F.R., E.L. Fogel, E. Schwartz, S.-M. Choi, D.P. Curran and HymanB. Niznik, Photoaffinity labeling of the mammalian dopamine transporter 256 (1989) 219
Sanglard, D. and A. Fiechter, Heterogeneity within the alkane-inducible cytochrome P450 gene family of the yeast *Candida tropicalis* 256 (1989) 128
Sarkar, S. see M. Eller 256 (1989) 21
Schulz, G.E. see M.S. Weiss 256 (1989) 143
Schwartz, E. see F.R. Sallee 256 (1989) 219
Shaklai, N. see I. Solar 256 (1989) 225
Shick, V.V. see K.R. Khrapko 256 (1989) 118
Shinohara, Ya., M. Nakagawa and H. Terada, Simple and rapid purification of F_1-ATPase from mitochondria 256 (1989) 111
Simonis, W. see B. Förster 256 (1989) 159
Singh, S. see C. Rice-Evans 256 (1989) 17
Sinning, I., H. Michel, P. Mathis and A.W. Rutherford, Terbutryn resistance in a purple bacterium can induce sensitivity toward the plant herbicide DCMU 256 (1989) 192
Siu, C.-H. see S. Song 256 (1989) 51
Smith, J.A. see F.-J.S. Lee 256 (1989) 139
Solar, I., U. fJ Muller-Eberhard and N. Shaklai, Serum proteins as mediators of hemin efflux from red cell membranes: specificity of hemopexin 256 (1989) 225
Song, S. and C.-H. Siu, Retinoic acid regulation of the expression of retinoic acid receptors in wild-type and mutant embryonal carcinoma cells 256 (1989) 51
Stedman, H.H. see M. Eller 256 (1989) 21
Suzuki, F., S. Miyazaki, M. Uozumi, N. Okamoto, S. Yamashita, K. Murakami and Y. Nakamura, Proteinic prorenin-releasing-stimulator (PRS) in the rat submandibular gland 256 (1989) 47
Sylvester, D. see H. Acker 256 (1989) 75
Sylvester, J.E. see M. Eller 256 (1989) 21

Tabata, T. see K. Mikami 256 (1989) 67
Takase, H. see K. Mikami 256 (1989) 67
Tavitian, A. see N. Touchot 256 (1989) 79
Terada, H. see Ya. Shinohara 256 (1989) 111
Thaler, M. see B. Förster 256 (1989) 159
Thornber, J.P. see S. Anandan 256 (1989) 150
Thuong, N.T. see M. Durand 256 (1989) 175
Tokuda, H. see K. Kogure 256 (1989) 147
Touchot, N., A. Zahraoui, E. Vielh and A. Tavitian, Biochemical properties of the YPT-related *rab*1B protein: Comparison with *rab*1A 256 (1989) 79
Tsinoremas, N.F., J.A.M. Hubbard, M.C.W. Evans and J.F. Allen, P-700 photooxidation in state 1 and state 2 in cyanobacteria upon flash illumination with phycobilin- and chlorophyll-absorbed light 256 (1989) 106
Tsygannik, I.N. see E.V. Yurkova 256 (1989) 167
Turner, J.C. see C.J. Britten 256 (1989) 200

Uozumi, M. see F. Suzuki 256 (1989) 47
Urbach, W. see B. Förster 256 (1989) 159

Vainstein, A. see S. Anandan 256 (1989) 150
Van der Sluis, W.G. see S. Kosasi 256 (1989) 91
Van Pelt, J., L. Dorland, M. Duran, C.H. Hokke, J.P. Kamerling and J.F.G. Vliegenthart, Transfer of sialic acid in α2-6 linkage to mannose in Manβ1- 4GlcNAc and Manβ1-4GlcNAcβ1-4GlcNAc by the action of Galβ1-4GlcNAc α2-6-sialyltransferase 256 (1989) 179
Van Valen, F., E. Keck and H. Jürgens, Functional characteristics of calcitonin gene-related peptide receptors in human Ewing's sarcoma WE-68 cells 256 (1989) 170
Victorov, A.V., E.M. Gladkaya, D.K. Novikov, V.A. Kosykh and V.A. Yurkiv, Lipopolysaccharide toxin can directly stimulate the intracellular accumulation of lipids and their secretion into medium in the primary culture of rabbit hepatocytes 256 (1989) 155
Vielh, E. see N. Touchot 256 (1989) 79
Vliegenthart, J.F.G. see J. van Pelt 256 (1989) 179

Wacker, T. see M.S. Weiss 256 (1989) 143
Weaver, J.C. see D.C. Bartoletti 256 (1989) 4
Weckesser, J. see M.S. Weiss 256 (1989) 143
Weiss, M.S., T. Wacker, U. Nestel, D. Woitzik, J. Weckesser, W. Kreutz, W. Welte and G.E. Schulz, The structure of porin from *Rhodobacter capsulatus* at 0.6 nm resolution 256 (1989) 143
Welte, W. see M.S. Weiss 256 (1989) 143
Woitzik, D. see M.S. Weiss 256 (1989) 143
Wollberg, Z. see A. Bdolah 256 (1989) 1
Wu, Q. see M. Eller 256 (1989) 21

Yamashita, S. see F. Suzuki 256 (1989) 47
Yamato, I. see Y. Komeiji 256 (1989) 135
Young, A. see D. Rees 256 (1989) 85
Yurkiv, V.A. see A.V. Victorov 256 (1989) 155
Yurkova, E.V., I.N. Tsygannik, A.G. Zargarov, A.S. Zolotarev, N.G. Abdulaev and V.V. Demin, Crystallization of photosynthetic reaction centres from *Chloroflexus aurantiacus* 256 (1989) 167

Zahraoui, A. see N. Touchot 256 (1989) 79
Zargarov, A.G. see E.V. Yurkova 256 (1989) 167
Zentgraf, H. see D. Hofmann 256 (1989) 123
Zhang, W.-W., S. Churchill and P. Churchill, Developmental regulation of D-β-hydroxybutyrate dehydrogenase in rat liver and brain 256 (1989) 71
Zolotarev, A.S. see E.V. Yurkova 256 (1989) 167